

ENGINEERING DESIGN PROCESS

ASK

What is the problem? How have others approached it? What are your constraints?

IMAGINE

What are some solutions? Brainstorm ideas. Choose the best one.

THE GOAL

IMPROVE

What works? What doesn't? What could work better? Modify your design to make it better. Test it out!

PLAN

Draw a diagram. Make lists of materials you will need and steps you will take.

CREATE

Follow your plan and create something. Test it out!